

09/725,752

(FILE 'HOME' ENTERED AT 14:55:24 ON 14 APR 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,  
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO,  
CABA,  
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,  
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 14:55:30  
ON

14 APR 2003

SEA CROHN##

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2658 FILE ADISCTI  
95 FILE ADISINSIGHT  
384 FILE ADISNEWS  
160 FILE AGRICOLA  
7 FILE ANABSTR  
1 FILE AQUASCI  
136 FILE BIOBUSINESS  
105 FILE BIOCOMMERCE  
16429 FILE BIOSIS  
658 FILE BIOTECHABS  
658 FILE BIOTECHDS  
1586 FILE BIOTECHNO  
1175 FILE CABA  
3032 FILE CANCERLIT  
3985 FILE CAPLUS  
43 FILE CEABA-VTB  
10 FILE CEN  
265 FILE CIN  
241 FILE CONFSCI  
750 FILE DDFB  
2674 FILE DDFU  
93951 FILE DGENE  
750 FILE DRUGB  
131 FILE DRUGLAUNCH  
229 FILE DRUGNL  
2967 FILE DRUGU  
99 FILE DRUGUPDATES  
194 FILE EMBAL  
18043 FILE EMBASE  
3053 FILE ESBIODASE  
204 FILE FEDRIP  
224 FILE FROSTI  
48 FILE FSTA  
7316 FILE GENBANK

17 FILE HEALSAFE  
 1080 FILE IFIPAT  
 3958 FILE JICST-EPLUS  
 904 FILE LIFESCI  
 45 FILE MEDICONF  
 19718 FILE MEDLINE  
 2 FILE NIOSHTIC  
 8 FILE NTIS  
 4 FILE NUTRACEUT  
 7396 FILE PASCAL  
 128 FILE PHAR  
 259 FILE PHARMAML  
 6 FILE PHIC  
 535 FILE PHIN  
 1758 FILE PROMT  
 18092 FILE SCISEARCH  
 4359 FILE TOXCENTER  
 6231 FILE USPATFULL  
 222 FILE USPAT2  
 4 FILE VETU  
 4306 FILE WPIDS  
 4306 FILE WPINDEX  
 L1 QUE CROHN##

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 D RANK

FILE 'MEDLINE, CANCERLIT, SCISEARCH, EMBASE, BIOSIS, PASCAL, TOXCENTER,

CAPLUS, ESBIODBASE' ENTERED AT 14:58:14 ON 14 APR 2003

E TOKUNAGA K/AU  
 L2 3499 SEA "TOKUNAGA K"/AU  
 E TOKUNAGA KATSUSHI/AU  
 L3 444 SEA "TOKUNAGA KATSUSHI"/AU  
 E TSUCHIYA N/AU  
 L4 905 SEA "TSUCHIYA N"/AU  
 E TSUCHIYA NAOYUKI/AU  
 L5 105 SEA "TSUCHIYA NAOYUKI"/AU  
 L6 94107 SEA CROHN##  
 L7 37 SEA (L2 OR L3 OR L4 OR L5) AND L6  
 L8 14 DUP REM L7 (23 DUPLICATES REMOVED)  
 L9 33654 SEA (FLIP## OR CASPER PROTEIN OR FLICE INHIBITORY PROTEIN OR  
 "I FLICE" OR "C FLIP" OR (INHIBITOR(2A) FLICE))  
 L10 12 SEA L6 AND L9  
 L11 6 DUP REM L10 (6 DUPLICATES REMOVED)  
 L12 4 SEA L11 NOT L8

L13 229 SEA (PROTEIN PHOSPHATASE 6 OR "PP6")  
 L14 5 SEA L6 AND L13  
 L15 2 DUP REM L14 (3 DUPLICATES REMOVED)  
 L16 0 SEA L15 NOT L8  
 L17 353 SEA (TNK OR "TRAF2 AND NCK INTERACTING KINASE" OR "TRAF 2  
 AND  
 NCK INTERACTING KINASE" OR GERMINAL CENTRE KINASE OR  
 GERMINAL  
 CENTER KINASE OR GC KINASE OR BL44)  
 L18 5 SEA L6 AND L17  
 L19 2 DUP REM L18 (3 DUPLICATES REMOVED)  
 L20 0 SEA L19 NOT L8  
 L21 422 SEA (GLUCOCORTICOID RECEPTOR ALPHA OR GRALPHA OR GR  
 ALPHA)  
 L22 13 SEA L6 AND L21  
 L23 7 DUP REM L22 (6 DUPLICATES REMOVED)  
 L24 5 SEA L23 NOT L8  
 L25 83053 SEA (CYTOCHROME OXIDASE OR CYTOCHROME C OXIDASE)  
 L26 7 SEA L6 AND L25  
 L27 6 DUP REM L26 (1 DUPLICATE REMOVED)  
 L28 5 SEA L27 NOT L8  
 L29 33296 SEA (CYTOCHROME B)  
 L30 17 SEA L6 AND L29  
 L31 7 DUP REM L30 (10 DUPLICATES REMOVED)  
 L32 6 SEA L31 NOT L8

# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Supplementary Concept Data

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<b>Name of Substance</b>	FLIP (cellular)
<b>Record Type</b>	C
<b>Registry Number</b>	0
<b>Entry Term</b>	Casper protein
<b>Entry Term</b>	FLICE-inhibitory protein (mammalian)
<b>Entry Term</b>	FLIP gene product (mammalian)
<b>Entry Term</b>	FLIP-L
<b>Entry Term</b>	FLIP-S
<b>Entry Term</b>	I-FLICE
<b>Entry Term</b>	inhibitor of FLICE
<b>Entry Term</b>	c-FLIP
<b>Heading Mapped to</b>	*Carrier Proteins
<b>Indexing Information</b>	Apoptosis
<b>Indexing Information</b>	Caspases/antagonists & inhibitors
<b>Source</b>	Nature 1997 Jul 10;388(6638):190-5
<b>Pharm. Action</b>	Enzyme Inhibitors
<b>Frequency</b>	220
<b>Note</b>	inhibits death receptor signals; from mouse & human; has 2 forms FLIP(L) & FLIP(s); includes expressed by transgenic mice; amino acid sequence in first source; GenBank <a href="#">U97074</a> human FLIP(L), <a href="#">U97075</a> human FLIP(S) & <a href="#">U97076</a> mouse FLIP(L)
<b>Date of Entry</b>	19970723
<b>Revision Date</b>	20020501
<b>Unique ID</b>	C106795

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# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Supplementary Concept Data

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<b>Name of Substance</b>	protein phosphatase 6
<b>Record Type</b>	C
<b>Registry Number</b>	EC 3.1.3.-
<b>Entry Term</b>	PP6
<b>Heading Mapped to</b>	*Phosphoprotein Phosphatase
<b>Source</b>	J Cell Sci 1996 Dec;109( Pt 12):2865-74
<b>Frequency</b>	3
<b>Note</b>	human serine/threonine phosphatase that is functional homologue of budding yeast Sit4p and fission yeast ppe1; amino acid sequence given in first source; GenBank X92972
<b>Date of Entry</b>	19970613
<b>Revision Date</b>	20010227
<b>Unique ID</b>	C106079

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# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Supplementary Concept Data

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<b>Name of Substance</b>	germinal centre kinase
<b>Record Type</b>	C
<b>Registry Number</b>	EC 2.7.1.-
<b>Entry Term</b>	BL44 gene product
<b>Entry Term</b>	GC kinase
<b>Entry Term</b>	germinal center kinase GCK
<b>Entry Term</b>	TNIK (kinase)
<b>Entry Term</b>	Traf2- and Nck-interacting kinase
<b>Heading Mapped to</b>	<a href="#">*Protein-Serine-Threonine Kinases</a>
<b>Indexing Information</b>	Germinal Center
<b>Source</b>	Nature 1995 Oct 26;377(6551):750-4
<b>Frequency</b>	17
<b>Note</b>	a human STE20 homolog; MW 97 kDa; has been sequenced
<b>Date of Entry</b>	19951122
<b>Revision Date</b>	20020117
<b>Unique ID</b>	C096225

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# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Supplementary Concept Data

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<b>Name of Substance</b>	glucocorticoid receptor alpha
<b>Record Type</b>	C
<b>Registry Number</b>	0
<b>Entry Term</b>	glucocorticoid receptors alpha
<b>Entry Term</b>	receptor, glucocorticoid alpha
<b>Entry Term</b>	GRalpha
<b>Heading Mapped to</b>	*Receptors, Glucocorticoid
<b>Source</b>	Mol Psychiatry 2000 Mar;5(2):196-202
<b>Frequency</b>	27
<b>Date of Entry</b>	20000801
<b>Revision Date</b>	20020110
<b>Unique ID</b>	C411470

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# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Descriptor Data

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<b>MeSH Heading</b>	Cytochrome-c Oxidase
<b>Tree Number</b>	D08.262.175.285
<b>Tree Number</b>	D08.586.682.285
<b>Tree Number</b>	D12.776.422.220.175.285
<b>Annotation</b>	spell in titles & translations with lowercase c: cytochrome-c oxidase
<b>Scope Note</b>	The terminal oxidase of the respiratory chain. It collects electrons that are transferred from reduced <u>CYTOCHROME C</u> and donates them to molecular oxygen, which is then reduced to water. It is composed of <u>CYTOCHROME A</u> and <u>CYTOCHROME B</u> , two copper atoms, and 13 different protein subunits, three of which are encoded by the mitochondrial <u>DNA</u> . It is also called complex IV of the respiratory chain. (from Scriver et al., The Metabolic & Molecular Bases of Inherited Disease, 8th ed, p2261 and p2368)
<b>Entry Term</b>	Cytochrome Oxidase
<b>Entry Term</b>	Cytochrome aa3
<b>Entry Term</b>	COIII gene product
<b>Entry Term</b>	Cox IV-25
<b>Entry Term</b>	CoxIV-25
<b>Entry Term</b>	Cytochrome Claa3
<b>Entry Term</b>	Cytochrome Oxidase III
<b>Entry Term</b>	Cytochrome Oxidase Subunit III
<b>Entry Term</b>	Cytochrome a(3)
<b>Entry Term</b>	Cytochrome a,a3
<b>Entry Term</b>	Cytochrome a3
<b>Entry Term</b>	Cytochrome-c Oxidase (Complex IV)
<b>Entry Term</b>	Cytochrome-c Oxidase Subunit IV
<b>Entry Term</b>	Ferrocycytochrome a3
<b>Entry Term</b>	Ferrocycytochrome c Oxygen Oxidoreductase
<b>Entry Term</b>	Heme aa3 Cytochrome Oxidase
<b>Entry Term</b>	Pre-CTOX p25
<b>Entry Term</b>	Signal Peptide p25-Subunit IV Cytochrome Oxidase
<b>Entry Term</b>	Subunit III, Cytochrome Oxidase
<b>Entry Term</b>	caaC Gene Product
<b>Entry Term</b>	p25 Presequence Peptide-Cytochrome Oxidase
<b>Allowable Qualifiers</b>	AD AE AI AN BI BL CF CH CL CS CT DE DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UL UR



<b>CAS Type 1 Name</b>	Ferricytochrome-c:oxygen oxidoreductase
<b>Registry Number</b>	EC 1.9.3.1
<b>History Note</b>	1994; was CYTOCHROME C OXIDASE 1992-1993, was CYTOCHROME OXIDASE 1963-1991; CYTOCHROME C OXIDASE was see CYTOCHROME OXIDASE 1984-1991; for SIGNAL PEPTIDE P25-SUBUNIT IV CYTOCHROME OXIDASE use CYTOCHROME C OXIDASE (NM) 1988-2001; for CYTOCHROME OXIDASE SUBUNIT III use CYTOCHROME C OXIDASE (NM) 1998-2001
<b>Entry Combination</b>	deficiency:Cytochrome-c Oxidase Deficiency
<b>Unique ID</b>	D003576

## MeSH Tree Structures

### Enzymes, Coenzymes, and Enzyme Inhibitors [D08]

#### Cytochromes [D08.262]

##### Cytochrome a [D08.262.175]

##### ► Cytochrome-c Oxidase [D08.262.175.285]

### Enzymes, Coenzymes, and Enzyme Inhibitors [D08]

#### Enzymes [D08.586]

##### Oxidoreductases [D08.586.682]

##### Alcohol Oxidoreductases [D08.586.682.047] +

##### Aldehyde Oxidoreductases [D08.586.682.075] +

##### Amine Oxidoreductases [D08.586.682.107] +

##### Amino Acid Oxidoreductases [D08.586.682.135] +

##### Ascorbate Oxidase [D08.586.682.180]

##### Ceruloplasmin [D08.586.682.226]

##### Coproporphyrinogen Oxidase [D08.586.682.263]

##### ► Cytochrome-c Oxidase [D08.586.682.285]

##### Dihydroorotate Oxidase [D08.586.682.310]

##### Hydrogenase [D08.586.682.400]

##### Ketone Oxidoreductases [D08.586.682.472] +

##### Luciferase [D08.586.682.517]

##### Methylenetetrahydrofolate Dehydrogenase [D08.586.682.545]

##### Mixed Function Oxygenases [D08.586.682.580] +

##### NADH, NADPH Oxidoreductases [D08.586.682.608] +

##### Nitrogenase [D08.586.682.647] +

##### Nitroreductases [D08.586.682.655]

##### Oxidoreductases, O-Demethylating [D08.586.682.670] +

##### 15-Oxoprostaglandin 13-Reductase [D08.586.682.680]

[15-Cytoprostanol 15-Reductase \[D08.586.682.690\]](#) +  
[Oxygenases \[D08.586.682.690\]](#) +  
[Peroxidases \[D08.586.682.732\]](#) +  
[Prephenate Dehydrogenase \[D08.586.682.770\]](#)  
[Protein Disulfide Reductase \(Glutathione\) \[D08.586.682.790\]](#)  
[Squalene Synthetase \[D08.586.682.820\]](#)  
[Succinate Cytochrome c Oxidoreductase \[D08.586.682.830\]](#)  
[Succinate Dehydrogenase \[D08.586.682.850\]](#)  
[Sulfite Oxidases \[D08.586.682.864\]](#)  
[Sulfite Reductases \[D08.586.682.868\]](#)  
[Superoxide Dismutase \[D08.586.682.881\]](#)  
[Testosterone 5-alpha-Reductase \[D08.586.682.910\]](#)  
[Ubiquinol-Cytochrome-c Reductase \[D08.586.682.925\]](#)  
[Urate Oxidase \[D08.586.682.943\]](#)

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[Amino Acids, Peptides, and Proteins \[D12\]](#)

[Proteins \[D12.776\]](#)

[Hemeproteins \[D12.776.422\]](#)

[Cytochromes \[D12.776.422.220\]](#)

[Cytochrome a \[D12.776.422.220.175\]](#)

► [Cytochrome-c Oxidase \[D12.776.422.220.175.285\]](#)

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# National Library of Medicine - Medical Subject Headings

2003 MeSH

## MeSH Descriptor Data

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<b>MeSH Heading</b>	Cytochrome b
<b>Tree Number</b>	<u>D08.262.200</u>
<b>Tree Number</b>	<u>D12.776.422.220.200</u>
<b>Annotation</b>	/ <u>biosyn</u> / <u>physiol</u> permitted; spell in titles & translations with lowercase b: cytochrome b
<b>Scope Note</b>	Cytochromes (electron-transporting proteins) with protoheme or a related heme as the prosthetic group. The prosthetic group is not covalently bound to the protein moiety.
<b>Allowable Qualifiers</b>	<u>AD AE AI AN BI BL CF CH CL CS CT DE DF DU EC GE HI IM IP ME PD PH PK PO RE SD SE ST TO TU UL UR</u>
<b>CAS Type 1 Name</b>	Cytochrome b
<b>Registry Number</b>	9035-37-4
<b>Previous Indexing</b>	Cytochromes (1966-1982)
<b>History Note</b>	83
<b>Unique ID</b>	D003573

## MeSH Tree Structures

Enzymes, Coenzymes, and Enzyme Inhibitors [D08]

Cytochromes [D08.262]

Cytochrome a [D08.262.175] +

► Cytochrome b [D08.262.200]

Cytochrome b5 [D08.262.200.220]

Cytochrome c [D08.262.286] +

Cytochrome d [D08.262.300]

Cytochrome P-450 Enzyme System [D08.262.453] +

Amino Acids, Peptides, and Proteins [D12]Proteins [D12.776]Hemeproteins [D12.776.422]Cytochromes [D12.776.422.220]Cytochrome a [D12.776.422.220.175] +▶ Cytochrome b [D12.776.422.220.200]Cytochrome b5 [D12.776.422.220.200.210]Cytochrome c [D12.776.422.220.286] +Cytochrome d [D12.776.422.220.300]Cytochrome P-450 Enzyme System [D12.776.422.220.453] +

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